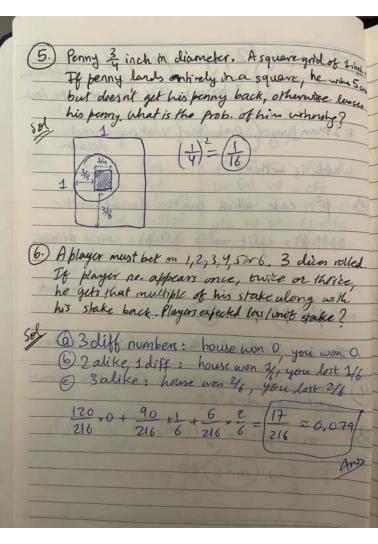
(3)03-man jung 2 people: prob. p of making whech decision 1 person: flight a count to make dech o I manjony of prob. p of making correct decision Which is better? by p2: case when coin toss doesn't matter 2p(1-p): split ⇒ p(1-p): correct decision is actually made with coins support  $\Rightarrow p^2 + p(1-p) = p$ This is identical to the second case of 1-non. 4) On average, how many times a die must be thrown until one gets a 6 ?  $m = p(1) + q(1+m) \Rightarrow (m = \frac{1}{p})$ p=1 m=6 And



have your expectantes go near \$5 hos strangers are separately asked to choose one positive whole no and both choose same no then both get prize. What no would you chose? Mostly a nedotally 1, 3,7 are popular > Most people chose 1